-				JC19 Rec'd PCT/PTO 0 6 JUN 2001							
FORM (REV 1		O (Modified) U.S. DEPARTME									
	·TP	RANSMITTAL LETTE	R THE UNITED STATES	1411 8U2							
		DESIGNATED/ELEC	TED OFFICE (DO/EO/US)	U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5)							
		CONCERNING A FILI	ING UNDER 35 U.S.C. 371	09/857539							
INTE		TONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED							
וודוו		PCT/US99/28793 NVENTION	December 7, 1999	December 7, 1998							
			DETECTING A CRYPTOSPORIDIUM	M PARVUM SPOROZOITE ANTIGEN							
APPL	ICAN	T(S) FOR DO/EO/US									
	ng et d	• •									
Appl	icant l	herewith submits to the United	States Designated/Elected Office (DO/EO/U	S) the following items and other information:							
1.	×	This is a FIRST submission of	of items concerning a filing under 35 U.S.C. 3	371.							
2.		This is a SECOND or SUBSI	EQUENT submission of items concerning a f	filing under 35 U.S.C. 371.							
3.		This is an express request to b	begin national examination procedures (35 U.	J.S.C. 371(f)) at any time rather than delay							
· 1	NZ1	examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.									
4. 5.	⊠ ⊠	• •	pplication as filed (35 U.S.C. 371 (c) (2))	the 17th month from the carriest claimed priority							
ی.		• •	ppincation as filed (35 U.S.C. 371 (c) (2)) with (required only if not transmitted by the. In	nternational Rureau)							
I			d by the International Bureau.	mematonai Bureauj.							
			ne application was filed in the United States F	Receiving Office (RO/US).							
6.			onal Application into English (35 U.S.C. 371(
7.	×	A copy of the International Se									
8.	×		the International Application under PCT Arti	ricle 19 (35 U.S.C. 371 (c)(3))							
		a. are transmitted herev	are transmitted herewith (required only if not transmitted by the International Bureau).								
		b. have been transmitte									
		c. have not been made;	; however, the time limit for making such ame	endments has NOT expired.							
			and will not be made.								
9.			ents to the claims under PCT Article 19 (35 U	J.S.C. 371(c)(3)).							
1 0.	☒		inventor(s) (35 U.S.C. 371 (c)(4)).								
.11.	×	A copy of the International Preliminary Examination Report (PCT/IPEA/409).									
•12.		A translation of the annexes to (35 U.S.C. 371 (c)(5)).	to the International Preliminary Examination I	Report under PCT Article 36							
I	tems :	13 to 20 below concern docum	nent(s) or information included:								
13.		An Information Disclosure St	tatement under 37 CFR 1.97 and 1.98.								
14.		An assignment document for r	rccording. A separate cover sheet in complian	ance with 37 CFR 3.28 and 3.31 is included.							
15.		A FIRST preliminary amenda									
16.		A SECOND or SUBSEQUE	NT preliminary amendment.								
17.		A substitute specification.									
18.		A change of power of attorney		•							
19.	×	Certificate of Mailing by Exp	ress Mail								
20.	×	Other items or information:									
		Return postcard									
				· ·							

Page 1 of 2

JG18 Rec'd PCT/PTO 0 6 JUN 2001

PCT/US99/28793 14114.0358U2 21. The following fees are submitted:. ASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2) paid to USPTO and International preliminary examination fee (37 CFR 1.482) not paid to USPTO but Internation Search Report prepared by the EPO or JPO \$860.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but internation Search Report prepared by the EPO or JPO \$860.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO thut international search fee (37 CFR 1.482) not paid to USPTO \$710.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$690.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT = \$860.00 CLAIMS NUMBER FILED NUMBER EXTRA RATE Fotal claims 16 - 20 = 0 x \$18.00 \$0.00	U.S. APPLICATION	NO. (IF KNOWN SEE 3 (F)	INTERNATIONAL APPLIC	ATIO	N NO.			ATTORNEY'S	DOCKET NUMBER
ASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): Neither international preliminary examination foe (37 CFR 1.482) nor international search fee (37 CFR 1.484 (a)(2) paid to USFTO and laternational Search Report net prepared by the EPO or IPO \$1,000.00 International preliminary examination fee (37 CFR 1.482) not paid to USFTO to Utsernational search Report prepared by the EPO or IPO \$860.00 International preliminary examination fee (37 CFR 1.482) not paid to USFTO the international search Report prepared by the EPO or IPO \$860.00 International preliminary examination fee paid to USFTO the international preliminary examination fee paid to USFTO \$710.00 International preliminary examination fee paid to USFTO \$700.00 International preliminary examin	. 09	1/85/527	PCT/US99/2	3793				14114	.0358U2
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)) paid to USPTO and International Search Report prepared by the EPO or JPO	21. The fo	ollowing fees are submitted:.			-		CA	LCULATIONS	S PTO USE ONLY
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USPTO but Internation Search Report prepared by the EPO or IPO S860.00 International preliminary examination fee (37 CPR 1.445 (a)(2)) paid to USPTO S710.00 International preliminary examination fee paid to USPTO S710.00 International preliminary examination fee paid to USPTO S70 CPR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) S690.00 International preliminary examination fee paid to USPTO S7 CPR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) S100.00 ENTER APPROPRIATE BASIC FEE AMOUNT = S860.00 Uncharge of \$130.00 for furnishing the earth or declaration later than 20 30 \$0.00 Uncharge of \$130.00 for furnishing the oath or declaration later than 20 30 \$0.00 Uncharge of \$130.00 for furnishing the cath or declaration later than 20 \$0.00 Uncharge of \$130.00 for furnishing the later than 20 \$0.00 Uncharge of \$130.00 for furnishing the English translation for the earth of the presence of	internation	al search fee (37 CFR 1.445(a)(2)	paid to USPTO		. \$1,0 0	00.00			
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but all claims did not satisfy provisions of PCT Article 33(1)-(4)	☐ International but international	al preliminary examination fee (37 tional search fee (37 CFR 1.445(a	0.00						
and all claims satisfied provisions of PCT Article 33(1)-(4)	☐ International but all claim	al preliminary examination fee pai ns did not satisfy provisions of PC	00.00						
Substitute Sub	☐ International and all claim	al preliminary examination fee pai ms satisfied provisions of PCT Ar	id to USPTO (37 CFR 1.482 ticle 33(1)-(4))	\$10	00.00	_	1	
South From the earliest claimed priority date (37 CFR 1.492 (e)). South File		ENTER APPROPRI	ATE BASIC FEE A	MO	UNT =	=		\$860.00	
Substitution Subs	Surcharge of \$130. months from the ea	.00 for furnishing the oath or declaratiest claimed priority date (37 C		20	□ 3	0		\$0.00	
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Solution	Total claims	16 - 20 =	0	×	\$18.0	\$18.00		\$0.00	
TOTAL OF ABOVE CALCULATIONS = \$860.00	Independent claim	s 2 - 3 =	0	×	\$80.0	00		\$0.00	
Substitute Sub	Multiple Depende	ent Claims (check if applicable).		T				\$0.00	
SUBTOTAL = \$860.00 rocessing fee of \$130.00 for furnishing the English translation later than		TOTAL OF	ABOVE CALCULA	TI	ONS	=		\$860.00	
TOTAL NATIONAL FEE \$860.00 TOTAL NATIONAL FEE \$860.00 ee for recording the enclosed assignment (37 CFR 1.492 (f)). The assignment must be companied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). \$0.00 TOTAL FEES ENCLOSED \$860.00 TOTAL FEES ENCLOSED \$860.00 Amount to be: \$refunded \$100.00 Amount to be: \$100.00	Reduction of 1/2 formust also be filed	or filing by small entity, if applica (Note 37 CFR 1.9, 1.27, 1.28) (cl	able. Verified Small Entity heck if applicable).	State	ment			\$0.00	
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CERTIFICATE OF EXPRESS MAILING

I hereby certify that the U.S. National Phase Application in the name of: Tsang et al., consisting of: Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 PTO Form 1390 (2 pages); a copy of the International Search Report; a copy of the International Preliminary Examination Report; four (4) executed Declaration forms (3 pages each); a Check in the amount of \$860.00 to cover filing fees; and a return postcard for "REAGENT AND METHOD FOR DETECTING A CRYPTOSPORIDIUM PARVUM SPOROZOITE ANTIGEN" are being deposited with the United States Postal Service as Express Mailing No. EL348125793US in an envelope addressed to: Assistant Commissioner for Patents, Box PCT (IPEA/EP), Washington, D.C. 20231, on this 6th day of JUNE, 2001.

EVERARDO MCFARLANE

6-8-01

Date